SAINT-GOBAIN

abedex® F-SR

Single Reinforced

ELASTOPLASTOMERIC COMPOUND (BPP) REINFORCED MADE UP OF POLYESTER UN-WOVEN FABRIC REINFORCED WITH FIBREGLASS STRANDS

DESCRIPTION

abedex® F-SR membrane is manufactured from a compound of distilled bitumen elastoplastomeric and polymers. After mixing, the characteristics of the polymers are dominant and are evenly dispersed throughout the matrix. **abedex® F-SR membrane** has excellent stability at both high and low temperatures and possesses good longevity.

The upper face of the membrane is treated with a sand finish, which prevents problems when unrolling the product. The lower face is covered with a sacrificial polyethylene film and the roll is then embossed. The embossing assists in the rapid burn off of the polyethylene film in the torching operation and allows good vapour diffusion.

USES

- **abedex® F-SR membrane** can be used as a single layer waterproofing system or as part of a multi-layer built up waterproofing system

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

- The substrate is to be clean, dry and free of any dust, grease, oils or loose debris. The substrate is to be of a smooth and even condition being free of protrusions or voids
- Coves or fillets are to be installed at all internal angles
- Screed to falls of 1:80

PRIMING

- Apply **bituprime** primer on substrates to receive membrane
- Allow to flash off or dry

APPLICATION/BONDING

- Avoid rough handling, especially at low temperatures below 5 °C Work must be stopped at temperatures below -2 °C
- Our standard application of the membrane requires that the product be fully bonded by heat fusion to the primed substrate by heat fusion
- If a two layer membrane system is to be fitted the upper membrane must be laid with staggered side and end laps
- We recommend side laps to be minimum of 75 mm and end laps to be a minimum of 100 mm
- A round nosed trowel and gas torch to be used when installing the membrane ensure adequate bonding of the laps
- Protection coating or overlay to be determined by a professional with **a.b.e.®** technical assistance

PROPERTIES

Type	Reinforce-ment	Surface finish	Thickness - weight / m²	m²/ Pallet	Weight
Single Reinforced BPP	Dual carrier: Polyester un-woven fabric with fibreglass strands	Sand	4 mm	200	45 kg

DIMENSIONAL SPECIFICATIONS

Length	10 m - 1% (UNI EN 1848-1)	Tol. ≥
Width	1 m - 1% (UNI EN 1848-1)	Tol. ≥
Thickness	UNI EN 1849-1	Tol. 0.2 mm
Weight per m²	UNI EN 1849-1	Tol. 10%

SAINT-GOBAIN

TECHNICAL CHARACTERISTICS

Characteristic	Tolerance	
Watertightness (UNI EN 1928)	≥	60 kPa
Cold flexibility (UNI EN 1109)	≤	-10 °C
Dimensional stability L (UNI EN 1107-1)	≥	-0.3%
Flow resistance at high temperature (EN 1110)	≥	120 °C
Flow resistance at high temperature after aging (UNI EN 1296 / UNI EN 1110)	-10 °C	110 °C
Tensile strength L/T (UNI EN 12311-1)	-20 °C	500/400 N/ 50 mm
Elongation at break L/T (UNI EN 12311-1)	-15 v.a.	35 %/40 %
Water vapour transmission (UNI EN 1931)	-	μ20000
UV Ageing (UN EN 1297)	-	Passes the test (4 mm)
Watertightness after exposure to chemical agents artificial ageing (UNI EN 1296) (UNI EN 1928 / UNI EN 1847)	-	NPD
Water penetration resistance (UNI EN 1928)	-	-
Water penetration resistance / tensile properties after artificial ageing (App. C / EN 13859-1)	-	-

MODEL SPECIFICATION

Please contact the **a.b.e.**® technical sales team for a specific project specification (0860 223 773).

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.**® endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot accept any liability for application – because **a.b.e.**® has no direct or continuous control over where and how **a.b.e.**® products are applied.

FURTHER INFORMATION

- Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements.
- **a.b.e.**® has a wealth of technical and practical experience built up over the years in the company's pursuit of excellence in building and construction technology.
- Please consult our website for our latest datasheets.

DATE UPDATED: 02/11/2023

a.b.e.® is an ISO 9001:2015 registered company
Call: (+27) 860 223 773 | (+27) 11 306 9000
www.abe.co.za

SAINT-GOBAIN